

COMMODORE 64

DOUBLER

THE tape backup "device".

Doubler is the answer to hundreds of phone calls to our shops asking for a tape copier capable of copying "turbo" loading programs. Due to the ever increasing variety of loaders in use normal tape copying techniques are not practical as a different copier would have to be written for each type.

Doubler was designed over the phone by Richard Austin and Angus Ager. Angus wrote the software, which has been visually improved by "Ruby" Murray, and Bob Hitchcock planned the hardware. Testing has proved that Doubler can achieve **100% success** in backing up any Commodore data.

SETTING UP

Switch off your '64.

...Plug the the adaptor into the cassette port of your '64. Connect the cassette deck to LOAD the original to the connector marked "INPUT". Connect the cassette deck that you wish to save onto to the connector marked "OUTPUT".

Switch your '64 back on.

LOADING

...Insert the cassette supplied with Doubler into the "input" cassette deck. Press SHIFT RUN/STOP on the keyboard followed by PLAY on the cassette deck. The software will LOAD and RUN automatically.

Remove Doubler cassette.

OPERATION

...Insert the cassette to be copied into the "input" cassette deck, ensuring the cassette is rewound. Insert the destination cassette into the cassette deck connected to the "output".

...Now follow the screen prompts to press RECORD & PLAY on the "output" cassette deck followed by PLAY on the "input" cassette deck. Pressing "F7" will now start the process.

The screen will blank out while the process is in operation.

Once the "input" cassette is complete, you may regain the original by pressing RESTORE. You can now make

The backup made is an exact copy of the original and therefore must be operated

HINTS AND

1..If you are borrowing the original, make sure you have it to SAVE on to. This is the original on.

2..Use good quality tape

3..Some programs, eg. Jet Set Willy, require the cassette deck being switched off by the computer. If this is the case, when reloading your cassette deck about 15 seconds after the program has changed to a different one, the original load and see

4..Keep the two cassette decks as far away from both the computer and the user as is feasible during the process.

5..If you experience problems, make sure that the original will load on the computer board.

6..Some cassette decks will not work at the higher speed due to the higher baud rate. Having problems try swapping the decks.

7. Doubler will make a backup at the original baud rate. Reloading must be done at the original baud rate as was originally intended for the program.

N.B. Doubler does NOT make a backup of the original products.